

PRODUCT DATA SHEET

Sika® Drain-400

Dimpled protection sheet, 400 g/m²

DESCRIPTION

Sika® Drain-400 is a protection sheet produced from high density polyethylene (HDPE) with 8 mm deep dimples.

USES

As a protection board and damp proofing for different waterproofing systems.

CHARACTERISTICS / ADVANTAGES

- Resistant to impact and mechanical damage
- Resistant to root penetration
- Resistant to natural aggressive media in ground water and soil
- Suitable for contact with soft water (aggressive to concrete)
- Can be installed on damp and even wet substrates
- Sika® Drain-400 protects the waterproofing layer during backfilling operations.

APPROVALS / STANDARDS

- CE marking and declaration of performance based on EN 13967:2012 Flexible sheets for waterproofing - Plastic and rubber damp proof sheets including plastic and rubber basement tanking sheet - Definitions and characteristics

PRODUCT INFORMATION

Packaging

Roll size

2.00 × 30.00 m

Appearance / Colour

Brown or black HDPE sheet with dimples 8 mm deep.



Shelf Life

5 years from date of production if stored properly in undamaged, unopened, original sealed packaging

Storage Conditions

Rolls must be stored in their original packaging and in cool and dry conditions. They must be protected from direct sunlight, rain, snow and ice, etc.

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| Thickness | 8.0 (±0.8) mm | (EN ISO 9863-1) |
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| Weight | 400 (±20) g/m ² | |
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TECHNICAL INFORMATION

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| Tensile Strength | > 200 N/ 50 mm | (EN 12311-2) |
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| Elongation | > 20 % (machine direction) >25 % (cross direction) | (EN 12311-2) |
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| Ambient Maximum Temperature of Liquids | +30 °C (water) | |
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| Compression resistance | 150 (+/- 30) kPa | |
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APPLICATION INFORMATION

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| Ambient Air Temperature | +5 °C min. / +45 °C max. | |
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BASIS OF PRODUCT DATA

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

ECOLOGY, HEALTH AND SAFETY

We follow PLC -Priority Chemical List and PICCS- Philippine Inventory of Chemicals and Chemical Substances but we don't indicate on our local PDS.

LIMITATIONS

- Sika® Drain-400 is not resistant against permanent exposure to weathering and UV-light.
- In combination with PVC membranes, a separation (geotextile) must be used.
- The product is not suitable for mined tunnels because of specific fire resistance regulations.

APPLICATION INSTRUCTIONS

SUBSTRATE QUALITY

Clean, sound and dry, homogeneous, free from oils and grease, dust and loose or friable particles.

APPLICATION

Installation method: Loose laid and mechanically fastened in accordance with the relevant Sika® application manual and installation instructions.

LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application fields.

LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

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